



# CPC Africa Desk InterTropical (ITF) Front Analysis

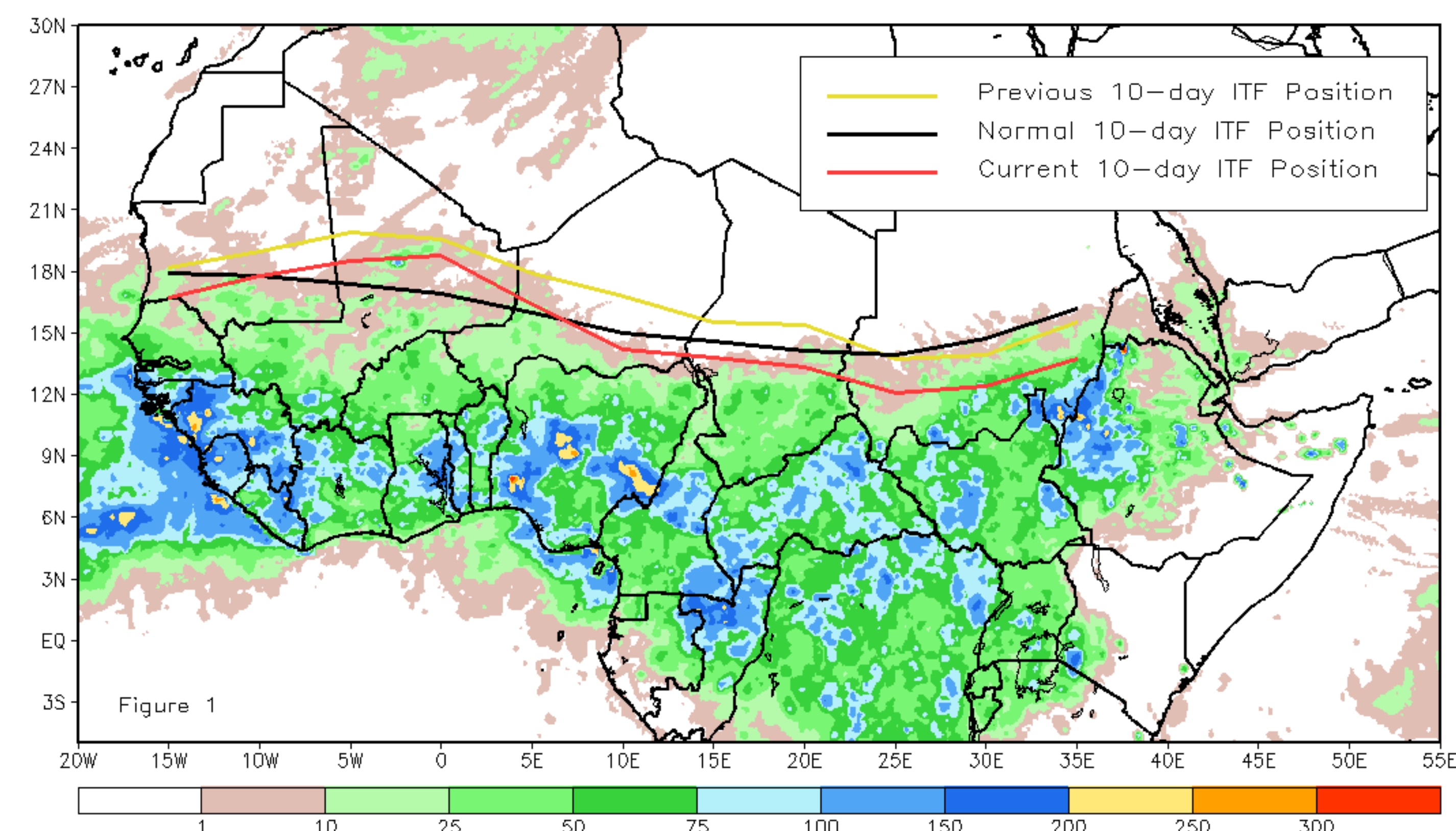
## September 2016, Dekad 3

### Discussion:

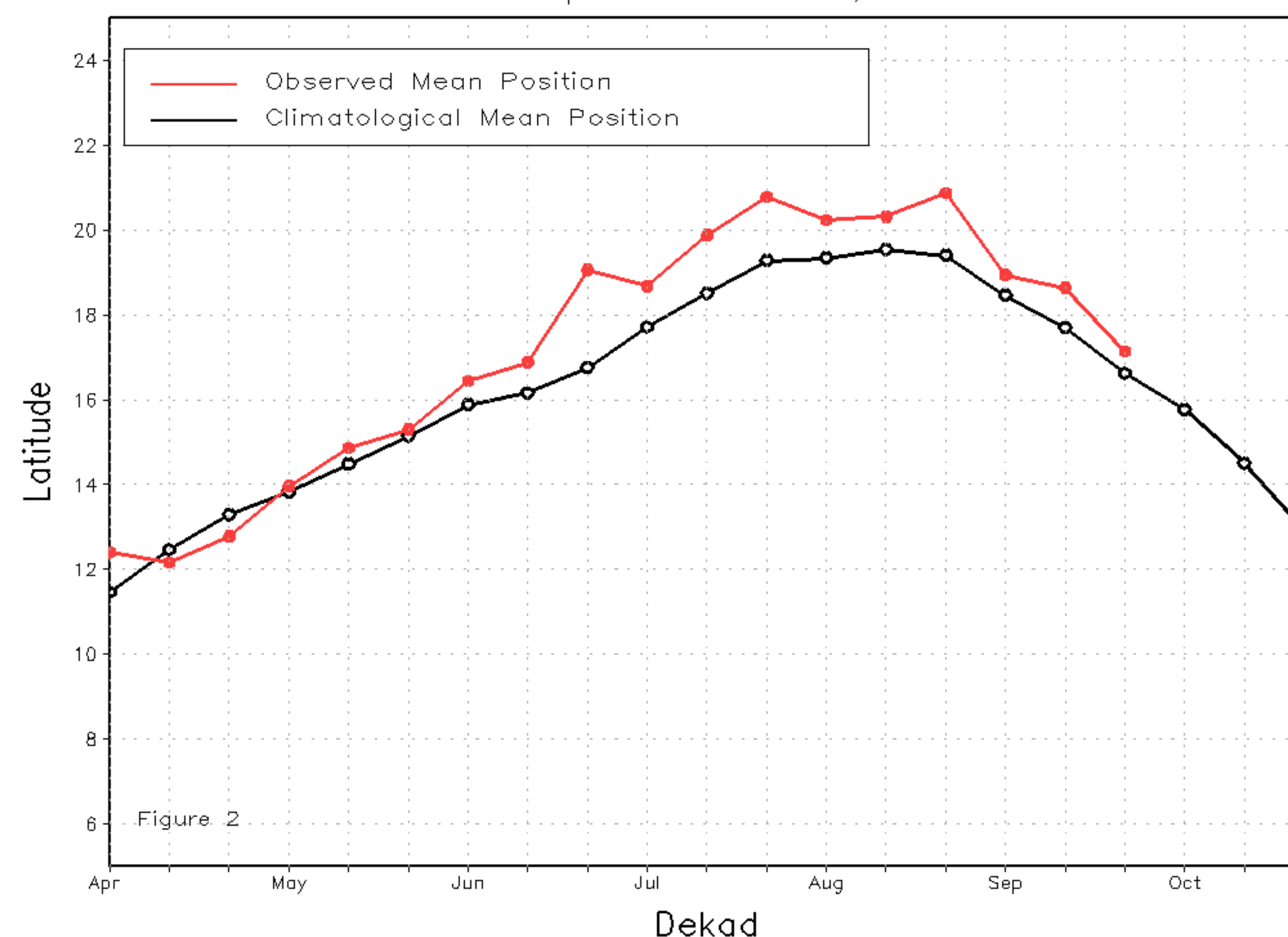
From September 21-30, the ITF continued its equatorward retreat throughout all of Africa at a hastened pace, located well south of its mean position the previous dekad. The ITF presently slopes steeply southward from west to east. From 10W-10E, the mean western position of the ITF was located at approximately 17.1N, well south of its previous mean position (18.6N) during mid- September, but remained exactly a half degree above the climatological normal position (16.6N) for late September. From 20E-35E, the mean eastern position of the ITF was located at approximately 12.9N, and was well below the climatological normal position (14.7N), making for 6 consecutive dekads below normal dating back to early August. Figure 1 shows the current position of the ITF relative to its climatological normal position during the 3rd dekad of September, and its previous location during the 2nd dekad of September. Figures 2 and 3 are time series, illustrating the mean latitudinal values of the western and eastern portions of the ITF, respectively, and their evolutions since April, 2016.

Current vs. Normal Dekadal ITF Position  
and RFE Accumulated Precipitation (mm)

September 2016, Dekad 3



Mean Western Portion of the ITF: Averaged 10W to 10E  
As of: September 2016, Dekad 3



Mean Eastern Portion of the ITF: Averaged 20E to 35E  
As of: September 2016, Dekad 3

